ABSTRACT

The present invention relates to /a mobile communication system supporting communication of data which comprises a base station communicating with a swiltching/ arrangement. A communication protocol is used for communication between a mobile station and the switching arrangement, The connection between the base station and switching *A*rrangement supports packet switched communication and detecting means are provided in the base station data frames sent from the mobile station are to detect if correctly received over the air interface. Means are also provided for sending only data frames/detected as correctly received on to the switching arrangement  $\mu$  sing the packet switched connection between the base station and the switching arrangement.

(Fig. 1)

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